

SAFETY DATA SHEET

IGL Coatings™ Ecoshine renew F4

Material no.

Specification

Version

154321

1.10

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME : IGL Coatings™ ecoshine renew f4

FUNCTION : surface rejuvenator and protection

COMPANY : Ominent Sdn Bhd

ADDRESS : 6 Jalan Para U8/103 Bukit Jelutong 40150 Shah Alam, Selangor Darul Ehsan, Malaysia

PHONE : +60378310980

EMAIL ADDRESS : sales@iglcoatings.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

The product is not classified, according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC not applicable

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.

2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008 void

Hazard pictograms Void

Signal word Void

Hazard Statements Void

Additional information:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Keep out of the reach of children

2.3 Other hazards

Results of PBT and vPvB assessment Not applicable.

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No	Chemical Name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 (CLP)			
64742-48-9	Naphtha (petroleum), hydrotreated heavy			25%
	265-150-3	Not applicable	Not applicable	
	Asp. Tox. 1: H304 – Warning			
-	Hydrocarbons, C10-C13, isoalkanes, cyclics <2%			65%
	918-317-6	Not applicable	01-2119474196-32-0001	
	Asp. Tox. 1: H304 – Warning			
-	Hydrocarbons, C10-C12 isoalkanes, <2% aromatics			10%
	923-037-2	Non-applicable	01-2119471991-29	
	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 2: H411 – Warning			

Regulation (EC) No. 648/2004 on detergents / Labelling for contents

Aliphatic hydrocarbons, Benzisothiazolinone, Methylisothiazolinone, Tetramethylolacetylendiharnstoff

Full text of H and EUH statements: see section 16.

4. FIRST AID MEASURES

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After Inhalation

Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

After skin contact

Generally the product does not irritate the skin.

After contact with eyes

Remove contact lenses, if present. Wash immediately with plenty of water for at least 3-6 minutes, opening the eyelids fully.

After ingestion

Rinse mouth thoroughly with water. Let water be drunk in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

5. FIRE-FIGHTING MEASURES

Extinguishing media

Carbon dioxide or powder extinguishers. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

Fight larger fires with water spray or alcohol resistant foam

Special hazards arising from substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

If large quantities of the product are involved in a fire, they can make it considerable worse. Do not breath combustion products.

Advice for firefighters

GENERAL INFORMATION

In the case of fire, use jets of water to cool the containers to prevent the risk of explosions (product decomposition and excess pressure) and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Remove all containers containing the product from the fire, if it is safe to do so.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water..

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

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Advice on safe handling

No special measures required.

Advice on protection against fire and explosion

No special measures required

Further information on handling

General protection and hygiene measures: refer to chapter 8

Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special requirements

Advice on storage compatibility

No special requirements

Further information on storage conditions

None

7.3. Specific end use(s) :refer to chapter 1.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure Control

Personal protective equipment:

General protective and hygienic measures: Wash hands before breaks and at the end of work.

Respiratory protection:

Not required

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Not suitable are gloves made of the following materials : PVA gloves

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Wear airtight protective goggles (see standard EN 166)

Body protection: Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Environmental Exposure Controls

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards. Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Viscous
Colour	: White
Odour	: characteristic
pH	: 8 at 20°C
Change in condition	: 4°C Melting/freezing point
	: 100°C Initial boiling point and boiling range

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Flash Point	: >60°C
Ignition temperature	: >200°C
Vapour pressure	: <1hPa at 20°C
Explosive properties	: Product does not present an explosion hazard
Explosion limits	: 0.6 Vol % (Lower)
	: 6 Vol % (Upper)

10. STABILITY AND REACTIVITY

10.1 Reactivity : No further relevant information available

10.2 Chemical stability : Stable

Thermal decomposition / conditions to avoid : No decomposition if used according to specifications

10.3 Possibility of hazardous reactions : No dangerous reactions known

10.4 Conditions to avoid : No further relevant information available

10.5 Incompatible materials : Information not available

10.6 Hazardous decomposition products : No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification: 64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral LD50 >5,000 mg/kg (rat)

Dermal LD50 >5,000 mg/kg (rat)

Inhalative LC50/4 h >4,951 mg/l (rat)

Primary irritant effect:

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

• CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

12.1 Toxicity

No further relevant information available

12.2 Process of degradability

No further relevant information available

12.3 Bioaccumulative potential

Information not available

12.4 Mobility in soil

Information not available

• General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

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On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%

12.6 Other adverse effects

Information not available

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Recommendation Smaller quantities can be disposed of with household waste.

European waste catalogue

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06 00 Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 99 Wastes not otherwise specified

· Uncleaned packagings:

- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14. TRANSPORT INFORMATION

14.1 UN-Number

· ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

· ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

· ADR, ADN, IMDG, IATA
· Class Void

14.4 Packing group

· ADR, IMDG, IATA Void

14.5 Environmental hazards: Not applicable.

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

UN "Model Regulation": Void

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Directive 2012/18/EU · Named dangerous substances - ANNEX I None of the ingredients is listed.
- Technical instructions (air):
Class Share in %
NK <25
- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Text of risk phrases associated with ingredients in section 3
H304 May be fatal if swallowed and enters airways.

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R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

· Department issuing SDS: Environment protection department.

· Contact: Chem. Laboratorium

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

ß· * Data compared to the previous version altered.